



# The new generation of energy-saving LED PLL tube lighting

## CorePro LED PLL

Philips CorePro LED PLL is the ideal uplampping solution for downlights & luminaires in a wide range of general lighting applications. It integrates a LED light source into a traditional fluorescent form factor to offer superb energy savings over a lifetime that's twice as long as fluorescent alternatives.

### Benefits

- Reduced operational cost thanks to a lower energy consumption than conventional PLL lamps, as well as lower maintenance cost thanks to a 2-3 times longer lifetime than conventional lamps
- Simple lamp-for-lamp replacement, re-using the existing fixture without major modifications, using a similar PLL form-factor
- Fastest and easiest way to upgrade existing luminaires to LED technology

### Features

- High quality of light, no flickering nor stroboscoping effect
- Instant 100% light
- Choice of 3000 K, 4000 K & 6500 K

### Application

- Hospitality
- Retail
- Office (stairways, corridors)
- Industrial areas

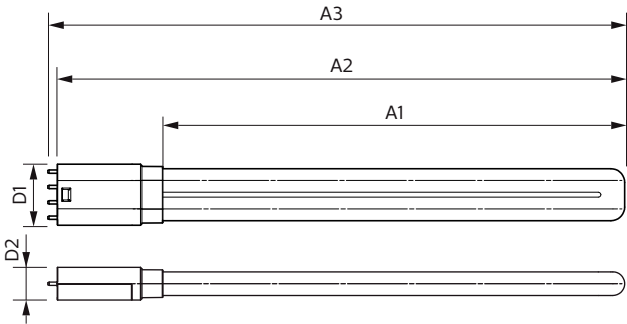
# CorePro LED PLL

## Versions



2G11

## Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LED PLL CorePro LED	43.6 mm	23.4 mm	329.5 mm	405 mm	411.6 mm
PLL HF 16.5W 840 4P 2G11					
CorePro LED PLL CorePro LED	43.6 mm	23.4 mm	329.5 mm	405 mm	411.6 mm
PLL HF 16.5W 865 4P 2G11					
CorePro LED PLL CorePro LED	43.6 mm	23.4 mm	329.5 mm	405 mm	411.6 mm
PLL HF 16.5W 830 4P 2G11					

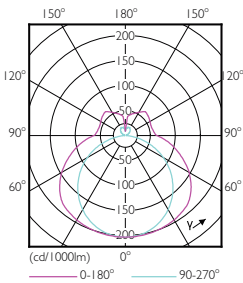
CorePro LED PLL

Approval and Application	
Energy Consumption kWh/1000 h	20 kWh
Energy Efficiency Label (EEL)	A+
Controls and Dimming	
Dimmable	No
Operating and Electrical	
Input Frequency	39000-71000 Hz
Voltage (Nom)	53-77 V
Power (Rated) (Nom)	16.5 W
Starting Time (Nom)	0.5 s
General Information	
Cap-Base	2G11
Nominal Lifetime (Nom)	30000 h
Rated Lifetime (Hours)	30000 h
Switching Cycle	50000X
Light Technical	
Color Rendering Index (Nom)	83
Lmf At End Of Nominal Lifetime (Nom)	70 %
Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Case Maximum (Nom)	70 °C
T-Storage (Max)	60 °C
T-Storage (Min)	-40 °C

Light Technical

Order Code	Full Product Name	Color Code	Correlated Color Temperature (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
929001381502	CorePro LED PLL CorePro LED PLL HF 16.5W 830 4P 2G11	830	3000 K	2000 lm	2000 lm
929001381602	CorePro LED PLL CorePro LED PLL HF 16.5W 840 4P 2G11	840	4000 K	2100 lm	2100 lm
929001381702	CorePro LED PLL CorePro LED PLL HF 16.5W 865 4P 2G11	865	6500 K	2100 lm	2100 lm

Light Distribution Diagrams



LEDtube PLC 400mm 16-5W 2G11 830 2000lm

